

IN THE CLAIMS:

1. (Currently Amended) A low-profile motor, comprising:

a motor base comprising a steel plate having a cylindrical motor mounting part and a stator core, such that the motor base, the cylindrical motor mounting part, and the stator core are integrally part of said steel plate, the motor base extending radially outward from the cylindrical motor mounting part past an outer edge of the stator core;

a bearing located within said cylindrical motor mounting part;

a rotator unit, comprising a rotor yoke attached to a shaft, said shaft rotationally supported by said bearing; and

at least one rotor magnet attached to said rotor yoke;

wherein the stator core comprises a plurality of winding parts that are integral with said motor base, the winding parts comprising portions of the steel plate defined by cuts in the motor base and still connected to the motor base at one end,

the plurality of winding parts comprise tongues extending in a radial direction towards or away from said cylindrical motor mounting part, and

the plurality of winding parts having radially extending ends not connected to said motor base, and opposite the rotor magnets.

2. (Previously Presented) The low-profile motor according to claim 1, wherein the motor base is a single silicon steel plate.

3. (Withdrawn) A method of manufacturing a low-profile motor comprising:

forming a cylindrical motor mounting part on a motor base,
mounting a bearing in said cylindrical motor mounting part;
mounting a shaft in said bearing, said shaft being supported in a radial direction
by said bearing;
attaching a rotor yoke to said shaft;
attaching a plurality of rotor magnets to said rotor yoke;
cutting a plurality of tongues from said motor mount in a radial direction from or
towards said cylindrical motor mounting part, thereby forming winding parts constituting
the stator core; and
bending each of the winding parts such that the end of each winding part is
opposite a rotor magnet.

4. (Withdrawn) The method of forming a low-profile motor according to claim 3,
wherein the steps of forming the cylindrical motor mounting part and cutting the plurality
of winding parts are performed by press processing.